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VIA Express Mail EL629610680US  
PATENT  
70404.45/sh**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of : Kazuhiko MIYATA	International Application No.: PCT/JP03/10998
Serial No.: Unknown	International Filing Date: August 28, 2003
Filed: Concurrently herewith	
For: LIQUID CRYSTAL DISPLAY DEVICE HAVING SOUND OUTPUT FUNCTION AND THE LIKE AND ELECTRONIC DEVICE USING THE SAME	

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 CFR §1.56, and in recognition of his duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicant herewith submits copies of the prior art listed on the attached Form PTO-1449.

The prior art references were cited in the International Search Report for PCT Application No. PCT/JP03/10998.

The relevance of JP 63-280293 can be found in the International Search Report for PCT Application No. PCT/JP03/10998.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /HL/

The statement is not a representation that all of the information cited is necessarily effective as prior art against the application.

Applicant respectfully requests that the disclosed references be made of record in the subject application.

Respectfully submitted,

Date: March 2, 2005

  
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Substitute for form 1449/PTO

**Complete if Known****INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **1** of **1**

Application Number

Filing Date

First Named Inventor

Kazuhiko MIYATA

Art Unit

Examiner Name

Attorney Docket Number **70404.45/sh****U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	<b>1</b>	<b>6,427,017</b>	<b>07/2002</b>	<b>Toki</b>	.....
	<b>2</b>	<b>5,993,006</b>	<b>11/1999</b>	<b>Takeuchi et al.</b>	.....
	<b>3</b>	<b>2002/0107044</b>	<b>08/2002</b>	<b>Kuwata et al.</b>	.....

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number-Kind Code <sup>5</sup> (if known)	Publication Date MM -YYYY	Country of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	<b>4</b>	<b>JP 2001-189978</b> (English abstract and English machine translation)	<b>07/2001</b>	<b>Japan</b>	.....	<b>X</b>
	<b>5</b>	<b>JP 2002-369290</b> (English abstract and English machine translation)	<b>12/2002</b>	<b>Japan</b>	.....	<b>X</b>
	<b>6</b>	<b>JP 2003-125315</b> (English abstract and English machine translation)	<b>04/2003</b>	<b>Japan</b>	.....	<b>X</b>
	<b>7</b>	<b>JP 63-280293</b>	<b>11/1988</b>	<b>Japan</b>	.....	<b>X</b>
	<b>8</b>	<b>JP 2003-271074</b> (English abstract and English machine translation)	<b>09/2003</b>	<b>Japan</b>	.....	<b>X</b>
	<b>9</b>	<b>WO 00/02417</b>	<b>01/2000</b>	<b>WIPO</b>	.....	<b>X</b>

Examiner  
Signature

/Huyen Le/

Date  
Considered

06/07/2009

\*Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

<sup>1</sup> Applicant unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Abstract is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

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